

FCC ID WBQAQPAVRFMPIR

Circuit Description

The 16 MHz crystal oscillator drives the IC. The modulation provided by IC. The output of the IC has the matching network consisting of L15, L13 and C94, C95 that limit the harmonic content and matching the antenna to the output stage.

Antenna, Ground and Power Source

The antenna consists of a 3.5cm long whip antenna.

There is no external ground connection. The ground is only that of the printed circuit board. Electric current is supplied by an external 12 Volt dc primary battery.

Operation Descriptions

The transceiver in RX is a host operating at 2400-2483.5 MHz band. The transmitter is powered by a 12V battery and the transmitting frequency is crystal controlled. The transmitter will be synchronized with the RX. The operation is achieved by different combinations of form pulse modulating signal on the 2448 MHz carrier frequency.

Remarks:

The EUT continues to transmit while switch on, Modulation by IC; and type is GFSK modulation.